

## **DETAILED ACTION**

This office action is in response to the communication filed on 09/26/2008.

Claims 1-11 are pending. Applicant amended claims 1-11.

### ***Examiner's Amendment***

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.
  
2. Authorization for this examiner's amendment was given in a telephone interview with attorney Aaron Waxler (Reg. No. 48,027) on 02/24/2009.

The application has been amended as follow:

- I. In claim 1, line 10, the recitation "specific deposit pattern" has been replaced with -- deposit pattern --.
  
- II. In claim 6, line 2, the recitation "specific deposit pattern" has been replaced with -- deposit pattern --.

### ***Allowable Subject Matter***

3. Claims 1-11 are allowed. The search was conducted in classes 438 and 257 and the claims are novel in view of prior art.

4. The following is an examiner's statement of reasons for allowance:

The closest prior art of record does not disclose nor fairly suggest a method of manufacturing a resonator within a semiconductor device, wherein removing the oxide deposit in order to define an element forming the resonator configured to vibrate between the two electrodes, wherein the partition of the two electrodes is obtained by implanting a first dopant through a partitioning pattern, as described in independent claim 1.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

### ***Conclusion***

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to MALIHEH MALEK whose telephone number is (571)270-1874. The examiner can normally be reached on Mon-Fri, 8:30-6pm ET.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, William D. Coleman can be reached on (571)272-1856. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Feb. 24, 2009

/M. M./  
Examiner, Art Unit 2813

/W. David Coleman/  
Primary Examiner, Art Unit 2823